



EXAM PAPERS PRACTICE

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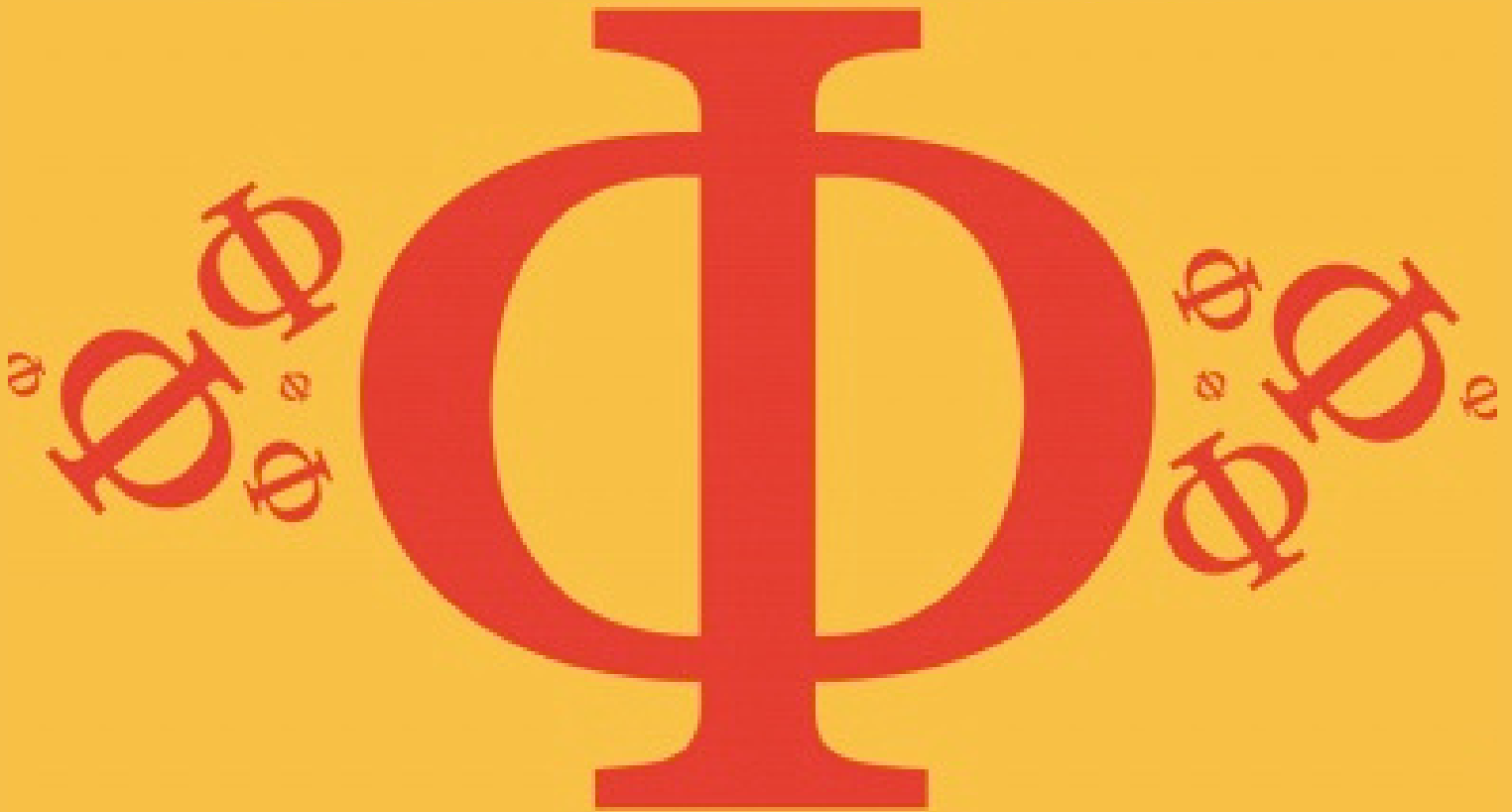
Detailed mark scheme

Suitable for all boards

Designed to test your ability and

6.2 The Blood System

Easy



BIOLOGY

IB HL

6.2 The Blood System

Question Paper

Course	DPIB Biology
Section	6. Human Physiology
Topic	6.2 The Blood System
Difficulty	Easy

EXAM PAPERS PRACTICE

Time allowed: 10
Score: /5
Percentage: /100

Question 1

Which describes the sequence of chambers and vessels through which blood flows after it has left the vena cava, on its way to the lungs?

- A. right atrium → right ventricle → pulmonary artery → lungs
- B. left atrium → left ventricle → pulmonary artery → lungs
- C. right atrium → right ventricle → aorta → lungs
- D. left atrium → left ventricle → pulmonary vein → lungs

[1 mark]

Question 2

Which statement about the human circulatory system is FALSE?

- A. The double circulatory system is a closed loop.
- B. In the double circulatory system, blood passes through the heart twice on each full circuit of the body.
- C. Blood bathes the cells in each organ that it is supplied to.
- D. The systemic circulation loop supplies blood to all the major body organs including the brain.

[1 mark]

Question 3

Which statement puts the blood vessels into **increasing** order of lumen diameter (interior diameter)?

- A. capillary → artery → arteriole → aorta
- B. arteriole → artery → capillary → aorta
- C. aorta → artery → arteriole → capillary
- D. capillary → arteriole → artery → aorta

[1 mark]

Question 4

Which are chambers of the heart?

- I. Atrium
- II. Aorta
- III. Ventricle
- IV. Lumen

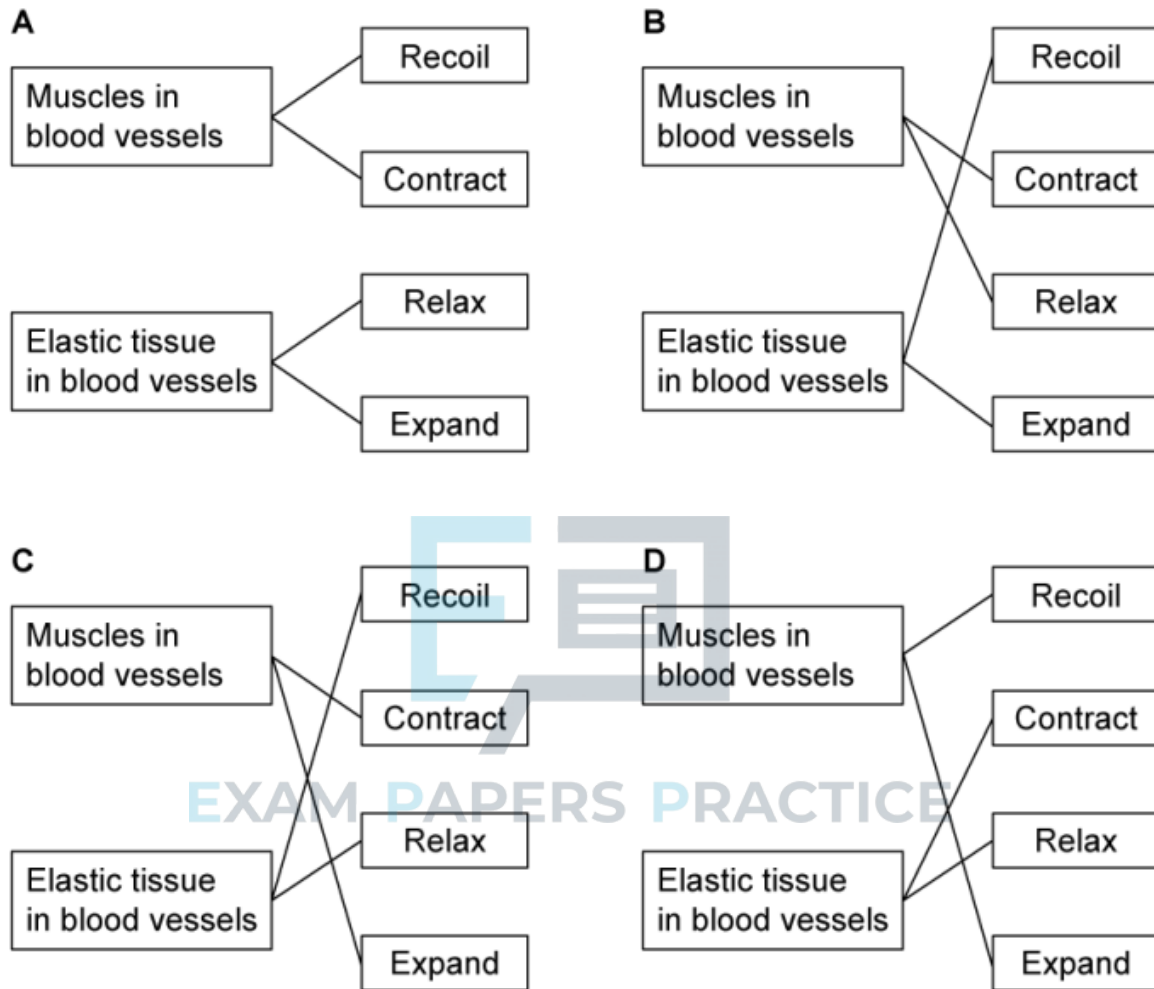
- A. I and III
- B. I, II and III
- C. III and IV
- D. I and II

[1 mark]



Question 5

Which shows the correct links between tissues within blood vessels and their modes of action?



[1 mark]